CH-HRMOT4-D4

DIN Rail Motor Controller

The CH-HRMOT4-D4 is a 4-channel motor control module designed to provide control of bidirectional motors for drapes, shades, projection screens, lifts, skylights, and gates. Each channel supports up/down or open/close control of a conventional three-wire bidirectional type motor up to 4 Amp at voltages up to 240 Volts. Built-in interlock logic makes it easy to program the CH-HRMOT4-D4 for failsafe operation.

Additional Inputs
An additional input is provided to allow an external contact closure to momentarily override the control system program and controls all channel outputs directly.

DIN Rail Installation
The CH-HRMOT4-D4 is designed to snap onto a standard DIN rail for installation in a wall mount enclosure. Wiring connections are made using screw terminals positioned along the top and bottom, clearly accessible from the front for easy installation and servicing.
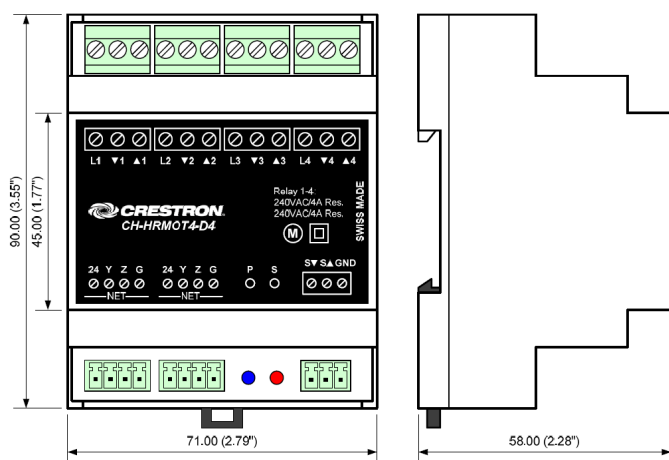
Cresnet®
The CH-HRMOT4-D4 communicates with a DIN-AP2 2-Series Automation Processor, or other Crestron 2-Series/3-Series™ control system, via the Cresnet® control network. A pair of Cresnet ports is provided on the CH-HRMOT4-D4 allowing for easy daisy-chaining of several DIN Rail Series automation control modules.

> Four-channel bidirectional motor control

> Additional inputs

> Cresnet® communication

> 4M wide DIN rail mounting

SPECIFICATIONS

Communications
Cresnet®: Cresnet slave device, 2-Series and 3-Series™ compatible

Load Ratings
Motor Control Channels: 4
Per Channel: 4 Amp @ 240V
Load Types: 3-Wire bidirectional motors

Connectors
RELAY 1 – 4: (4) 3-pin captive screw terminals; 3-wire bidirectional motor control relays;
Maximum Wire Size: 2.5 mm²
S▼, S▲, GND: (1) 3-pin captive screw terminal block, inputs control all 4 motors simultaneous
NET: (2) 4-pin captive screw terminal blocks; Cresnet slave ports, paralleled

Indicators
P: (1) blue LED, indicates operating power supplied via Cresnet control network
S: (1) red LED, indicates device state

Power Requirements
Cresnet Power Usage: 2.4 Watt (100 mA @ 24 Volts DC)

Environmental
Temperature: 32° to 104°F (0° to 40°C)
Humidity: 10% to 90% RH (non-condensing)

Enclosure
Light gray (RAL7035) NORYL housing with black cover, 35mm DIN EN 60715 rail mount, DIN 43880 form factor for enclosures with 45mm front panel cutout, occupies 4 DIN module spaces (71mm)

Dimensions
Height: 58 mm
Width: 71 mm
Depth: 58 mm

Weight
150 g

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